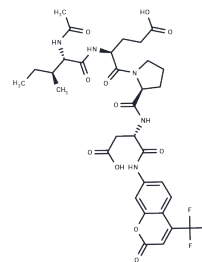


Ac-IEPD-AFC

Chemical Properties

CAS No. :	1135417-31-0
Formula:	C32H38F3N5O11
Molecular Weight:	725.67
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Ac-IEPD-AFC (IEPD) is a fluorescent substrate for granzyme B and can be used to measure granzyme B activity.
Targets(IC50)	Others,Caspase

Solubility Information

Solubility	DMSO: 80 mg/mL (110.24 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.378 mL	6.8902 mL	13.7804 mL
5 mM	0.2756 mL	1.378 mL	2.7561 mL
10 mM	0.1378 mL	0.689 mL	1.378 mL
50 mM	0.0276 mL	0.1378 mL	0.2756 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Pak SC, et al. SRP-2 is a cross-class inhibitor that participates in postembryonic development of the nematode *Caenorhabditis elegans*: initial characterization of the clade L serpins. *J Biol Chem.* 2004 Apr 9;279(15):15448-59.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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